

Real Inventories, Sales, and Inventory-Sales Ratios for Manufacturing and Trade

Tables 1, 2, and 3 show quarterly and monthly estimates of real inventories, sales, and inventory-sales ratios, respectively. Real manufacturing inventories by stage of fabrication are shown in table 4. Real estimates are in chained (1992) dollars.

Data availability

Quarterly estimates for 1977–95 of real manufacturing and trade inventories, sales, and inventory-sales ratios and of real manufacturing inventories by stage of fabrication were published in the May 1996 *SURVEY OF CURRENT BUSINESS*.

Table 1.—Real Manufacturing and Trade Inventories, Seasonally Adjusted, End of Period
[Billions of chained (1992) dollars]

	1997		1997						
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	
Manufacturing and trade	968.6	976.5	964.3	968.6	970.5	971.9	976.5	979.5	
Manufacturing	422.1	425.8	420.7	422.1	424.2	425.6	425.8	427.5	
Durable goods	268.6	271.0	267.6	268.6	270.4	271.1	271.0	271.9	
Primary metal industries	21.8	21.9	21.8	21.8	21.8	22.0	21.9	22.0	
Fabricated metal products	25.7	26.0	25.6	25.7	25.8	25.8	26.0	26.1	
Industrial machinery and equipment	60.3	61.1	60.1	60.3	60.9	61.2	61.1	61.6	
Electronic and other electric equipment	39.5	40.0	39.5	39.5	40.2	40.1	40.0	40.1	
Transportation equipment	65.9	66.3	65.6	65.9	66.3	66.3	66.3	66.4	
Motor vehicles and equipment	14.2	14.4	14.5	14.2	14.2	14.0	14.4	14.0	
Other transportation equipment	51.7	51.9	51.1	51.7	52.1	52.2	51.9	52.4	
Other durable goods ¹	57.1	57.5	56.8	57.1	57.2	57.5	57.5	57.6	
Nondurable goods	153.8	155.0	153.3	153.8	154.0	154.7	155.0	155.8	
Food and kindred products	32.1	32.6	31.9	32.1	32.2	32.4	32.6	32.8	
Paper and allied products	14.0	14.1	14.2	14.0	14.0	13.9	14.1	14.0	
Chemicals and allied products	38.5	39.0	38.2	38.5	38.7	38.6	39.0	39.5	
Petroleum and coal products	13.9	13.7	14.0	13.9	13.7	14.0	13.7	13.5	
Rubber and miscellaneous plastic products	14.6	14.7	14.6	14.6	14.6	14.7	14.7	14.8	
Other nondurable goods ²	40.5	40.7	40.1	40.5	40.6	40.8	40.7	41.0	
Merchant wholesalers	251.7	255.2	246.6	251.7	250.4	252.5	255.2	256.5	
Durable goods	161.8	162.8	158.0	161.8	159.9	160.5	162.8	162.9	
Nondurable goods	90.1	92.6	88.8	90.1	90.7	92.1	92.6	93.7	
Groceries and farm products	26.3	26.1	25.8	26.3	26.4	26.3	26.1	27.3	
Other nondurable goods	64.1	66.8	63.3	64.1	64.5	66.1	66.8	66.7	
Retail trade	294.7	295.4	297.0	294.7	295.8	293.8	295.4	295.5	
Durable goods	153.2	153.6	155.5	153.2	153.9	153.0	153.6	154.3	
Motor vehicle dealers ³	73.0	72.8	75.5	73.0	72.9	73.4	72.8	72.9	
Other durable goods ³	80.4	81.0	80.1	80.4	81.2	79.8	81.0	81.5	
Nondurable goods	141.2	141.5	141.1	141.2	141.6	140.5	141.5	140.9	
Food stores	28.8	29.0	28.7	28.8	28.7	29.0	29.0	28.9	
Other nondurable goods	112.4	112.5	112.3	112.4	112.9	111.4	112.5	112.0	

^r Preliminary.

^r Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods".

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory. Trade inventories are classified by the type of product sold by the establishment holding the inventory.

Chained (1992) dollar inventory series are calculated as the product of the chain-type quantity index and the average of the end-of-year fixed-weighted inventories for 1991 and 1992, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Estimates for 1967 forward are available electronically to subscribers to STAT-USA's Economic Bulletin Board or Internet services. For information, call 202-482-1986.

The estimates for 1959–96 are also available from BEA on the underlying NIPA historical data diskette: Product number NDN-0162, price \$60.00. To order using Visa or MasterCard, call the BEA Order Desk at 1-800-704-0415 (outside the United States, 202-606-9666). To order by mail, send a check made payable to "Bureau of Economic Analysis, BE-53" to BEA Order Desk (BE-53), Bureau of Economic Analysis, U.S. Department of Commerce, Washington, DC 20230.

Table 2.—Real Manufacturing and Trade Sales, Seasonally Adjusted at Monthly Rate
[Billions of chained (1992) dollars]

	1997		1997						
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^r	
Manufacturing and trade	710.0	722.1	706.1	715.2	723.6	717.5	725.3	725.3	
Manufacturing	307.5	314.1	305.0	309.8	314.8	311.5	315.8	316.3	
Durable goods	174.2	179.9	172.0	176.7	180.2	177.8	181.8	180.9	
Primary metal industries	13.6	13.8	13.5	13.6	13.8	13.7	13.8	13.9	
Fabricated metal products	17.3	17.6	17.1	17.4	17.5	17.5	17.8	17.7	
Industrial machinery and equipment	40.5	42.5	40.0	41.7	42.6	41.7	43.2	43.3	
Electronic and other electric equipment	30.1	31.5	29.9	30.7	30.6	31.6	32.4	31.7	
Transportation equipment	38.7	40.2	37.9	39.1	40.9	39.8	39.9	40.0	
Motor vehicles and equipment	26.4	28.0	25.8	26.8	28.4	28.0	27.6	28.6	
Other transportation equipment	12.7	12.6	12.5	12.7	12.9	12.2	12.7	11.9	
Other durable goods ¹	36.1	36.7	35.7	36.4	37.0	35.8	37.2	36.8	
Nondurable goods	133.5	134.5	133.1	133.4	135.0	134.1	134.4	135.8	
Food and kindred products	36.2	36.3	36.2	36.2	36.4	36.4	36.0	36.8	
Paper and allied products	12.1	12.1	12.0	12.1	12.0	12.1	12.2	12.4	
Chemicals and allied products	28.7	28.4	28.7	28.6	28.5	28.2	28.6	28.7	
Petroleum and coal products	14.2	14.8	14.2	14.4	15.0	15.0	14.4	14.8	
Rubber and miscellaneous plastic products	11.2	11.3	11.0	11.1	11.3	11.2	11.4	11.6	
Other nondurable goods ²	31.3	31.8	31.2	31.3	31.9	31.5	32.0	31.8	
Merchant wholesalers	198.9	200.3	198.2	200.5	201.3	197.5	201.9	201.7	
Durable goods	105.8	107.1	105.1	106.7	107.8	105.1	108.4	108.4	
Nondurable goods	93.1	93.2	93.1	93.9	93.6	92.4	93.6	93.4	
Groceries and farm products	33.8	33.5	33.6	34.4	33.9	32.9	33.8	34.0	
Other nondurable goods	59.9	60.2	60.0	59.9	60.2	60.1	60.3	59.9	
Retail trade	205.2	209.3	204.5	206.4	209.0	209.9	209.1	208.9	
Durable goods	82.7	85.4	82.1	83.3	84.9	86.0	85.2	84.8	
Motor vehicle dealers ³	42.5	44.4	42.0	43.0	44.0	44.9	44.2	43.6	
Other durable goods ³	41.3	42.0	41.1	41.4	41.9	42.1	41.9	42.3	
Nondurable goods	122.3	123.8	122.2	122.9	123.9	123.7	123.7	123.8	
Food stores	33.1	33.2	33.1	32.9	33.2	33.1	33.3	33.3	
Other nondurable goods	88.8	90.1	88.7	89.6	90.3	90.1	90.0	90.1	

^r Preliminary.

^r Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods".

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory. Trade inventories are classified by the type of product sold by the establishment holding the inventory.

Chained (1992) dollar series are calculated as the product of the chain-type quantity index and the 1992 current-dollar value of the corresponding series, divided by 100. Because the formula for the chain-type quantity indexes uses weights of more than one period, the corresponding chained-dollar estimates are usually not additive.

Table 3.—Real Inventory-Sales Ratios for Manufacturing and Trade, Seasonally Adjusted

[Ratio, based on chained (1992) dollars]

	1997		1997						
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
Manufacturing and trade	1.36	1.35	1.37	1.35	1.34	1.36	1.35	1.35	
Manufacturing	1.37	1.36	1.38	1.36	1.35	1.37	1.35	1.35	
Durable goods	1.54	1.51	1.56	1.52	1.50	1.53	1.49	1.50	
Primary metal industries	1.60	1.59	1.62	1.60	1.58	1.61	1.59	1.59	
Fabricated metal products	1.49	1.48	1.50	1.48	1.48	1.48	1.46	1.47	
Industrial machinery and equipment	1.49	1.44	1.50	1.45	1.43	1.47	1.42	1.42	
Electronic and other electric equipment	1.31	1.27	1.32	1.29	1.32	1.27	1.23	1.27	
Transportation equipment	1.70	1.65	1.73	1.68	1.62	1.67	1.66	1.66	
Motor vehicles and equipment .....	.54	.51	.56	.53	.50	.50	.52	.49	
Other transportation equipment	4.08	4.12	4.07	4.05	4.02	4.29	4.09	4.42	
Other durable goods ¹	1.58	1.57	1.59	1.57	1.54	1.61	1.55	1.57	
Nondurable goods	1.15	1.15	1.15	1.15	1.14	1.15	1.15	1.15	
Food and kindred products .....	.89	.90	.88	.89	.88	.89	.91	.89	
Paper and allied products	1.16	1.16	1.18	1.16	1.16	1.15	1.15	1.13	
Chemicals and allied products	1.34	1.37	1.33	1.35	1.36	1.37	1.37	1.38	
Petroleum and coal products .....	.98	.93	.99	.97	.91	.94	.95	.91	
Rubber and miscellaneous plastic products	1.30	1.30	1.32	1.31	1.29	1.32	1.28	1.28	
Other nondurable goods ²	1.29	1.28	1.29	1.29	1.27	1.29	1.27	1.29	
Merchant wholesalers	1.27	1.28	1.24	1.26	1.24	1.28	1.26	1.27	
Durable goods	1.53	1.52	1.50	1.52	1.48	1.53	1.50	1.50	
Nondurable goods .....	.97	.99	.95	.96	.97	1.00	.99	1.00	
Groceries and farm products .....	.78	.78	.77	.76	.78	.80	.77	.80	
Other nondurable goods	1.07	1.11	1.06	1.07	1.07	1.10	1.11	1.11	
Retail trade	1.44	1.41	1.45	1.43	1.42	1.40	1.41	1.42	
Durable goods	1.85	1.80	1.89	1.84	1.81	1.78	1.80	1.82	
Motor vehicle dealers ³	1.72	1.64	1.80	1.70	1.66	1.63	1.65	1.67	
Other durable goods ³	1.95	1.93	1.95	1.94	1.94	1.90	1.93	1.93	
Nondurable goods	1.16	1.14	1.15	1.15	1.14	1.14	1.14	1.14	
Food stores .....	.87	.87	.87	.87	.87	.88	.87	.87	
Other nondurable goods	1.27	1.25	1.27	1.26	1.25	1.24	1.25	1.24	

^p Preliminary.^r Revised.

1. Includes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; and miscellaneous manufacturing industries.

2. Includes tobacco manufacturers; textile mill products; apparel products; printing and publishing; and leather and leather products.

3. Prior to 1981, inventories and sales of auto and home supply stores are included in motor vehicle dealers. Beginning with 1981, these inventories are included in "other durable goods".

NOTE.—Manufacturing inventories are classified by the type of product produced by the establishment holding the inventory. Trade inventories are classified by the type of product sold by the establishment holding the inventory.

Table 4.—Real Manufacturing Inventories by Stage of Fabrication, Seasonally Adjusted, End of Period

[Billions of chained (1992) dollars]

	1997		1997						
	II	III	May	June	July ^r	Aug. ^r	Sept. ^r	Oct. ^p	
Materials and supplies									
Manufacturing	135.4	136.9	135.0	135.4	136.0	135.8	136.9	137.2	
Durable goods	78.8	80.0	78.4	78.8	79.4	79.2	80.0	80.0	
Primary metal industries	7.5	7.6	7.5	7.5	7.6	7.6	7.6	7.7	
Fabricated metal products	9.4	9.6	9.3	9.4	9.5	9.4	9.6	9.5	
Industrial machinery and equipment	17.0	17.1	16.7	17.0	17.0	16.9	17.1	17.1	
Electronic and other electric equipment	13.3	13.3	13.3	13.3	13.5	13.3	13.3	13.3	
Motor vehicles and equipment	6.7	6.4	6.9	6.7	6.9	6.7	6.4	6.5	
Other transportation equipment	5.4	6.1	5.1	5.4	5.5	5.7	6.1	6.0	
Other durable goods ¹	19.7	20.0	19.7	19.7	19.6	19.8	20.0	20.1	
Nondurable goods	56.6	57.0	56.7	56.6	56.6	56.6	57.0	57.1	
Food and kindred products	10.2	10.4	10.2	10.2	10.3	10.3	10.4	10.5	
Paper and allied products	6.9	6.8	7.0	6.9	6.9	6.8	6.8	6.8	
Chemicals and allied products	12.6	12.9	12.5	12.6	12.7	12.7	12.9	12.8	
Petroleum and coal products	4.1	4.0	4.3	4.1	4.0	4.1	4.0	4.0	
Rubber and miscellaneous plastic products	5.5	5.6	5.5	5.5	5.5	5.5	5.6	5.6	
Other nondurable goods ²	17.4	17.3	17.2	17.4	17.3	17.3	17.3	17.4	
Work-in-process									
Manufacturing	141.4	142.6	141.6	141.4	141.8	143.0	142.6	142.9	
Durable goods	115.7	116.3	115.6	115.7	115.9	116.8	116.3	116.2	
Primary metal industries	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
Fabricated metal products	7.4	7.5	7.4	7.4	7.5	7.4	7.5	7.4	
Industrial machinery and equipment	23.4	23.6	23.4	23.4	23.5	23.7	23.6	23.8	
Electronic and other electric equipment	15.2	15.5	15.1	15.2	15.3	15.5	15.5	15.4	
Motor vehicles and equipment	3.9	4.8	4.3	3.9	4.1	4.3	4.8	4.3	
Other transportation equipment	42.9	42.1	42.5	42.9	42.4	43.0	42.1	42.6	
Other durable goods ¹	15.6	15.6	15.6	15.6	15.7	15.7	15.6	15.4	
Nondurable goods	25.8	26.4	26.0	25.8	25.9	26.3	26.4	26.7	
Food and kindred products	4.4	4.7	4.5	4.4	4.5	4.6	4.7	4.7	
Paper and allied products	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	
Chemicals and allied products	6.8	7.0	6.8	6.8	6.9	6.9	7.0	7.4	
Petroleum and coal products	3.1	3.1	3.1	3.1	3.0	3.1	3.1	3.0	
Rubber and miscellaneous plastic products	2.0	2.1	2.1	2.0	2.1	2.1	2.1	2.0	
Other nondurable goods ²	7.9	7.9	7.9	7.9	8.0	8.0	7.9	8.0	
Finished goods									
Manufacturing	145.4	146.4	144.2	145.4	146.5	146.9	146.4	147.5	
Durable goods	74.1	74.9	73.7	74.1	75.2	75.2	74.9	75.6	
Primary metal industries	6.8	6.9	6.9	6.8	6.8	6.9	6.9	7.0	
Fabricated metal products	9.0	9.0	8.8	9.0	8.8	9.0	9.0	9.2	
Industrial machinery and equipment	20.1	20.6	20.1	20.1	20.6	20.9	20.6	20.8	
Electronic and other electric equipment	11.1	11.2	11.2	11.1	11.4	11.5	11.2	11.5	
Motor vehicles and equipment	3.6	3.2	3.3	3.6	3.2	3.1	3.2	3.1	
Other transportation equipment	3.4	3.7	3.4	3.4	4.2	3.6	3.7	3.8	
Other durable goods ¹	20.5	20.7	20.3	20.5	20.6	20.8	20.7	20.8	
Nondurable goods	71.4	71.7	70.7	71.4	71.5	71.8	71.7	72.0	
Food and kindred products	17.5	17.5	17.2	17.5	17.5	17.5	17.5	17.6	
Paper and allied products	5.7	5.7	5.7	5.7	5.6	5.6	5.7	5.6	
Chemicals and allied products	19.1	19.2	18.9	19.1	19.1	19.1	19.2	19.3	
Petroleum and coal products	6.7	6.7	6.6	6.7	6.7	6.9	6.7	6.4	
Rubber and miscellaneous plastic products	7.1	7.0	7.0	7.1	7.1	7.1	7.0	7.1	
Other nondurable goods ²	15.4	15.7	15.2	15.4	15.5	15.7	15.7	15.9	

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